

Aaron Swartz found dead Friday

Internet legend faced copyright-related legal issues before death

By Anne Cai and Deborah Chen
NEWS EDITORS

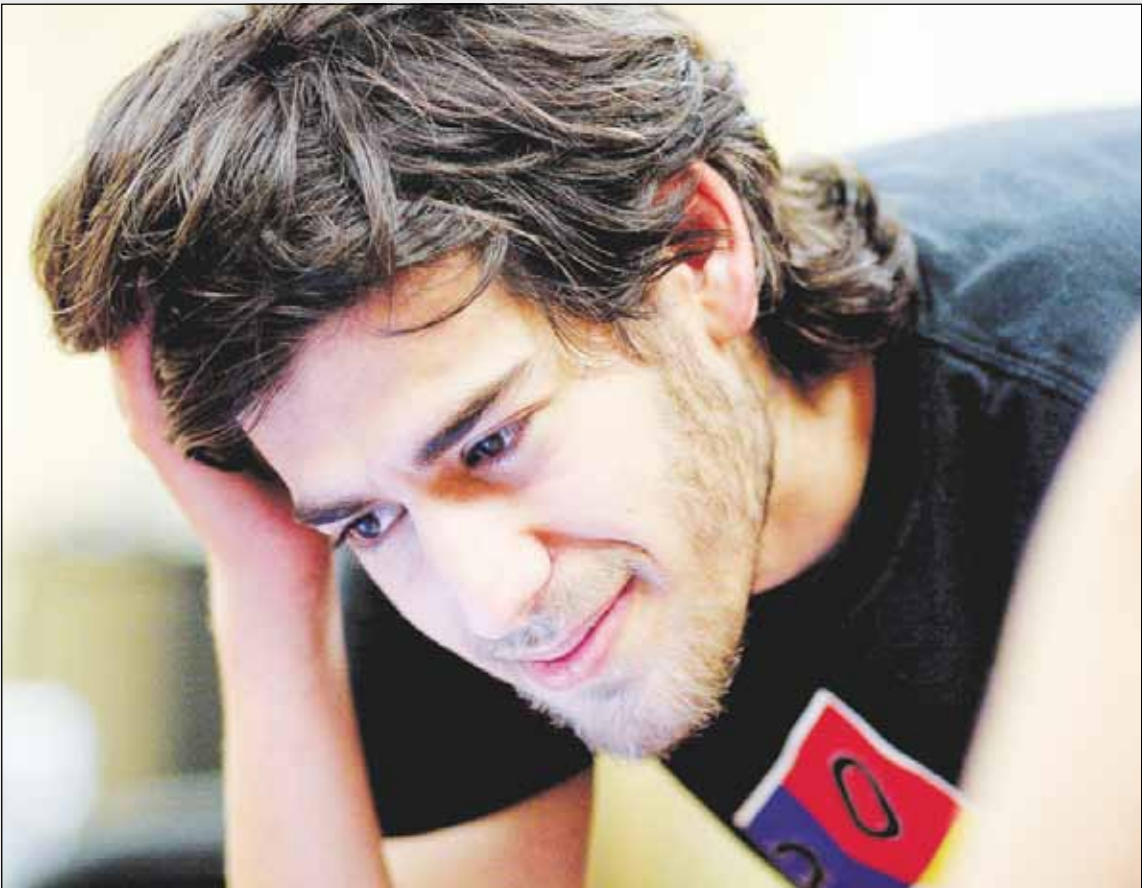
Internet activist Aaron H. Swartz died by suicide in his Brooklyn apartment on Friday, Jan. 11, according to his uncle, Michael Wolf, in a comment to *The Tech*. Swartz was 26.

“The tragic and heartbreaking information you received is, regrettably, true,” confirmed Swartz’ attorney, Elliot R. Peters of Kecker and Van Nest, in an email to *The Tech* early Saturday morning.

Swartz was indicted in July 2011 by a federal grand jury for allegedly downloading millions of documents from JSTOR through the MIT network — using a laptop hidden in a basement network closet in MIT’s Building 16 — with the intent to distribute them. (Both JSTOR and MIT had decided to drop the charges, but the U.S. Attorney’s Office decided to pursue the case.)

Swartz subsequently moved to Brooklyn, New York, where he then worked for Avaaz Foundation, a nonprofit “global web movement to bring people-powered politics to decision-making everywhere.” He appeared in court on Sept. 24, 2012 and pleaded not guilty.

The case — with a trial then scheduled for April 1, 2013 — has



SAGE ROSS—FLICKR

Swartz, Page 8 Aaron Swartz at a Boston Wiki Meetup, photographed in 2009.

Head of IS&T to step down Feb. 1, unrelated to Swartz events, says Smith

Marilyn T. Smith, head of MIT Information Services and Technology (IS&T), announced in an email to IS&T staff on Monday afternoon that she will step down on Feb. 1. “I want to let you know that after much reflection in recent weeks, I’ve decided to leave my position at MIT,” Smith wrote.

“My stepping down was a decision I arrived at well before the tragic death of Aaron Swartz. My departure is in no way connected to those events,” Smith said in an email to *The Tech*.

In her email to IS&T staff, Smith thanked her colleagues for their contributions, engagement, support, and friendship.

Executive vice president and treasurer Israel G.M. Ruiz ’01 praised Smith for strengthening “information governance structure” and promoting “a culture of collaboration and service” in a follow-up email to IS&T staff.

MIT has not yet decided on a replacement for Smith. Ruiz encouraged staff to send suggestions for potential candidates.

Smith joined MIT as head of IS&T in Sept. 2009. Before coming to MIT, Smith was the president of Hanover Insurance Group, and prior to joining the Group, she was vice president and chief information officer at Liberty Mutual’s Life and Group Division.

—Joanna Kao

MIT network experiences attack following Swartz’ death

Hacking activists Anonymous claim responsibility

By Joanna Kao and Ethan A. Solomon
EDITORS

MIT’s network fell to a denial-of-service attack Sunday evening, allegedly by the Internet activist group Anonymous, cutting campus users off from Internet access to most websites for nearly three hours. The attack came in the wake of accusations that MIT’s role in the pending litigation against Internet activist Aaron Swartz contributed to his Friday suicide. On Monday afternoon, MIT spokeswoman Kimberly C. Allen confirmed that

the outage was due to a denial-of-service attack (DoS).

Between roughly 7 p.m. and 9:50 p.m. Sunday evening, users of MIT’s network lost access to most websites, and MIT’s own web properties — like the mit.edu homepage — were inaccessible on the Web at large. Homepages on two MIT subdomains, cogen.mit.edu and rledev.mit.edu, were rewritten as a message from Anonymous about the Swartz case.

Anonymous, Page 9

Manic Sages prepare 2013 MIT Mystery Hunt puzzles

Last year’s Hunt winners design current challenge

By Janelle Mansfield
ASSOCIATE NEWS EDITOR

For many students, IAP brings coding challenges, externships, intense UROPing, and loafing around Boston. For puzzle-lovers and code-crackers, however, IAP means the return of the annual MIT Mystery Hunt, an epic weekend of puzzle-solving that draws hundreds of participants from around the world and begins this Friday at noon.

Every year since 1981, an intricate set of clues is hidden in a series of puzzles. The clues ultimately lead teams to the location of a final prize — traditionally a coin, although a Tony Award, compan-

ion cube, and a futuristic piece of space machinery have made appearances in previous years. The winning team’s prize is to design the next year’s hunt.

The 2013 Mystery Hunt is the brainchild of last year’s winners, the Manic Sages. The winning team’s responsibilities include choosing a theme for the Hunt, planning the individual puzzles and clues, and connecting the various puzzles together with meta-puzzles.

When planning the Hunt, “some teams try to outdo the previous teams,” says Jacob Hurwitz ’14, the Associate Logistics Director for the Sages.

Mystery Hunt, Page 10



HO YIN AU

The scaffolding inside Barker Library’s Reading Room is being dismantled, which will reveal Barker’s newly installed skylight.

IN SHORT

Participate in a discussion on Aaron Swartz with reporters from *The Tech* on Monday, Jan. 21 at 7 p.m. EST. *The Tech* will livestream the panel on YouTube (<http://bit.ly/swartzpanel>). You can send us questions during or prior to the discussion by tweeting @thetech (hashtag #SwartzPanel), commenting on the Youtube video, or emailing swartzpanel@tech.mit.edu.

The MIT Mystery Hunt commences Friday at noon. The kickoff of the annual event takes place in Rockwell Cage.

Register for the Institute Diversity Summit. The discussion takes place from 8 a.m. to 4:30 p.m. on Wednesday, Jan. 30. Register at <http://diversity.mit.edu/summit>.

Send news information and tips to news@tech.mit.edu.

WHAT SHOULD MIT DO?

The world is waiting for MIT’s reaction to Aaron Swartz.
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CHAMPIONS OF INTEGRATION

Students challenge each other in annual Integration Bee. **NEWS, p. 9**

THE GOLDEN GLOBES!
Dresses! Jokes! Cold-eyes! Action!
ARTS, p. 7



TIMELINE: USA V. SWARTZ

Follow Swartz’ case with our interactive timeline.
INTERACTIVE, <http://bit.ly/swartztimeline>.

MITSFS AND ITS 40K BOOKS

Reorganizing the entire MITSFS library in one weekend.
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Mali Islamists dig in for a long military struggle

**By Adam Nossiter
and Eric Schmitt**
THE NEW YORK TIMES

BAMAKO, Mali — In the face of fierce, all-night bombardment by the French military, Mali's Islamist insurgents have hunkered down to fight again.

Barging into some of the mud-brick houses in the battle zone and ejecting residents, they have sought to implant themselves in the local population and add to the huge challenges facing the French military campaign to loosen their grip on Mali.

—*Jack Ewing and Nicholas Kulish, The New York Times*

"They are in the town, almost everywhere in the town," said Bekaye Diarra, who owns the pharmacy in Diabaly, which experienced French bombing well into the morning Tuesday but remained under the control of the insurgents. "They are installing themselves."

Benco Ba, a parliamentary deputy there, described residents in fear of the conflict that had descended on them. "The jihadists are going right into people's families," he said. "They have completely occupied the town. They are dispersed. It's fear."

Just five days into the French military campaign, it was becoming clear that airstrikes alone will probably not be enough to root out these battle-hardened fighters, who know well the harsh grassland and desert terrain of Mali and have spent months accumulating arms, constructing defenses in their northern strongholds and reinforcing their

Medical experts have raised concerns about the insulation used to seal the Durata's electrical wires. St. Jude insists it is safe and is performing well. About 350,000 patients have been implanted with the Durata and the Riata ST Optim.

—Barry Meier, *The New York Times*

Meeting in Cuba roils in Venezuelan opposition while Chavez absent

By William Neuman
THE NEW YORK TIMES

CARACAS, Venezuela — With the president absent and ailing, the country on edge and the government eager to portray a sturdy sense of continuity, there might be nothing unusual about the most powerful officials in Venezuela meeting over the weekend, except for the location they chose for the sit-down: Havana.

It has been five weeks since President Hugo Chavez of Venezuela went to Cuba for his fourth cancer-related surgery, and the normally garrulous leader has not been seen or heard from in public since — a closely guarded silence that underscores the extremely tight relationship between the two countries.

ment did not act to cut spending further and raise more tax revenue.)

Banking that last \$1.5 trillion in budget savings would no doubt be achieved only after considerable partisan warfare, and the task will be that much tougher because it is tied up in the showdown over whether Congress will raise the debt ceiling. But if the president can threaten, cajole and compromise his way to one more big deficit-reduction pact, the job of putting the nation's fiscal house in order, in his telling, would be more or less complete. "If we combine a balanced package of savings from spending on health care and revenues from closing loopholes, we can solve the deficit issue without sacrificing our investments in things like education that are going to help us grow," he said, referring to his existing proposals for modest trims to Medicare and tax-code changes that would generate more revenue from the wealthy.

Depending on the price of oil, Cuba sends goods or services to Venezuela as barter for 40 percent to 50 percent of the market value of the roughly 100,000 barrels of oil it receives a day, said Jorge R. Pinon, an expert at University of Texas, Austin. Over the years that has included thousands of doctors and nurses to work in Venezuelan clinics and hospitals, sports trainers and advisers to the armed forces and security services. The remainder, 50 percent to 60 percent of the shipments' value, is treated as a loan, to be paid back over 25 years at 1 percent interest.

If that arrangement ended, Cuba would be forced to buy its oil on the open market, costing about \$4 billion a year at current prices and probably pushing it into a recession, Pinon said.

"The political impact for Cuba losing its Venezuelan support will be catastrophic," he said. "The economic impact will be substantial."

Venezuelan officials defend the oil shipments to Cuba and the closeness of the relationship by saying that the two countries have much in common, including a revolutionary ideology and an attitude of defiance toward the United States. The most visible Cuban presence here is in the doctors who staff hundreds of small neighborhood clinics established by Chavez.

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...They cite evidence for explosive controlled demolition
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Renault to cut 7,500 jobs in France

By David Jolly and Vindu Goel
THE NEW YORK TIMES

PARIS — France’s ailing industrial sector took another blow Tuesday when Renault said it planned to cut 7,500 domestic jobs, or about 17 percent of its French labor force, by 2016 as it adjusted production capacity to the crushing downturn in the European car market.

The plan, which the company said in a statement would save 400 million euros, or \$540 million, in annual fixed costs, is needed to lower its break-even point — the amount of revenue needed to cover outlays — and to “clear the way for the new hiring needed for the future.”

The company said that if unions agreed to the plan it could reach its job target without plant closings, layoffs or buyouts. It would accomplish its goal, it said, mainly by not replacing retiring workers and by offering early retirement.

“Not a single person will be laid off,” said Sophie Chantegay, a Renault spokeswoman.

Of the 135,000 people Renault

employs worldwide, more than 44,600 work in France. Chantegay said the job cuts would affect only the French workforce.

Overall, France has lost three-quarters of a million industrial jobs in the past decade, and President Francois Hollande has made it a priority to stop the hemorrhaging.

Like its larger rival, PSA Peugeot Citroen, Renault has had too much capacity in a weak market. But compared with Peugeot, which generates most of its sales in Europe, Renault has held up relatively well, partly as a result of international operations that include important alliances with Nissan Motor of Japan and Avtovaz of Russia.

Still, Renault has fallen behind the German leaders. Daimler and BMW, as well as Volkswagen, have continued growing on the strength of their global operations.

Carlos Ghosn, Renault’s chairman and chief executive, said Monday at the Detroit auto show that he expected the European market to be “difficult” in 2013, predicting that car sales would fall about 3 percent in 2013, after contracting 8 percent

in 2012.

In its statement, Renault said that in 2011 its break-even point had been “too close to the 2.72 million cars sold, representing a risk to the enterprise.” Renault said that considering the volatility of the market in recent years and the uncertainty about the European outlook, it was now necessary to bring its break-even point about 12 percent below the 2011 sales level.

Gerard Leclercq, the head of Renault’s French operations, said in a statement after meeting with representatives of the company’s unions that Renault had “reaffirmed its desire to maintain the core of its corporate activities and the heart of its business in France, while acting to reduce its break-even point and preserve its capacity for investment.”

Renault said natural attrition and job cuts announced under a restructuring deal signed in February 2011 would account for about 5,700 of the jobs it planned to eliminate by 2016. It said a “supplementary adjustment” would have to be made to bring the number to 7,500.

AIG seeks ability to sue more banks over mortgage securities

Since the summer of 2011, the insurance giant American International Group has been battling Bank of America over claims that the bank packaged and sold it defective mortgages that dealt AIG billions of dollars in losses.

Now AIG wants to be able to sue other banks that sold it mortgage-backed securities that plunged in value during the financial crisis. It has not said which banks, but possibilities include Deutsche Bank, Goldman Sachs and JPMorgan Chase.

But to sue, AIG first must win a court fight with an entity controlled by the Federal Reserve Bank of New York, which the insurer says is blocking its efforts to pursue the banks that caused it financial harm.

The dispute illustrates the web of financial instruments that AIG and the federal government became tangled in as the insurer nearly collapsed in 2008 and required a vast taxpayer bailout. It also shows the complexity of apportioning blame, five years after the financial crisis, and making wrongdoers pay for their share of the harm.

According to a lawsuit filed Friday, AIG is seeking a declaration from a New York state judge that it has the right to pursue “billions of dollars of fraud and other tort claims that exist against numerous financial institutions,” even though Fed officials have said AIG gave up that right.

“If I were the general counsel of AIG, I would seek this kind of declaratory judgment,” said Henry T.C. Hu, a former regulator who is now a professor at the University of Texas School of Law. “I don’t know whether I’d win, but it’s certainly worth trying.”

—Mary Williams Walsh, *The New York Times*

Crop insurance may cost taxpayers \$15.8 billion for 2012

WASHINGTON — The worst drought in 50 years could leave taxpayers with a record bill of nearly \$16 billion in crop insurance costs because of poor yields. The staggering cost of the program has drawn renewed attention as the Obama administration and congressional Republicans wrangle over ways to cut the deficit. Last month, Treasury Secretary Timothy Geithner said that reducing farm subsidies was one way the administration could cut government spending. But Congress has resisted.

The Agriculture Department, which runs the program, said that the total losses from crops harvested last year would not be known for weeks, but that costs from the program were estimated to be \$15.8 billion, up from \$9.4 billion in 2011.

Separately, a record \$11.4 billion in indemnities for crop losses has been paid out to farmers, and officials say that number could balloon to as much as \$20 billion. In 2011, a then-record \$10.8 billion was paid out in indemnities.

The crop insurance program has drawn criticism from a wide range of groups that say the costs need to be reduced and that the program mainly benefits insurance companies and large farmers. Farmers’ net income for 2012 is expected to be \$114 billion, down 3 percent from 2011 but still the second highest in 30 years.

Thomas P. Zacharias, the president of National Crop Insurance Services, an industry trade group, defended the program, saying that the record crop losses last year showed the need for insurance. “This year, most farmers will be able to rebound from historic drought, thanks to crop insurance,” Zacharias said.

The federal crop insurance program dates to the Dust Bowl era of the 1930s, when Congress created the taxpayer-subsidized insurance to protect farmers against crop losses. Today, the government pays about 62 percent of the insurance premiums. The policies are sold by 15 private insurance companies that receive about \$1.3 billion annually from the government. The government also backs the companies against losses. President Barack Obama has proposed cutting crop insurance subsidies and reducing the amount paid to insurance companies, saving \$4 billion over 10 years.

—Ron Nixon, *The New York Times*

More than 50 killed as explosions hit Syrian University

By Rick Gladstone and Hwaida Saad
THE NEW YORK TIMES

At least two devastating explosions, possibly caused by aircraft missiles or bombs, struck the campus of Aleppo University on Tuesday as students were taking exams, a major escalation of the violent struggle for control of Syria’s largest city in the ongoing conflict. The opposition and government blamed each other for the blasts, and opposition sympathizers said more than 50 people were killed.

The university’s own press office issued a statement accusing Syrian air force MiG fighter planes of targeting the campus in two missile attacks three minutes apart, destroying buildings and causing “massive destruction in the surrounding roads.” The statement denounced the attacks as a “criminal act.”

It was unclear if the press office statement reflected the view of the leadership of the university, which is in a government-controlled part of the city.

Aleppo, in northern Syria, has essentially been under siege since July, with insurgents and government forces in a stalemate.

Once the commercial center of Syria, Aleppo has been struck by numerous shellings, bombings and airstrikes.

But the university has been conducting classes and trying to provide some appearance of normalcy despite the mayhem and deprivation that have ravaged other parts of the city, and the campus area had been largely spared until Tuesday.

Activists also reported that violence convulsed some suburbs of Damascus, the capital, where members of the insurgent Free Syrian Army were engaged in combat with

government forces in the Ain Tarma and Zamalka neighborhoods.

The fighting erupted after a campaign of Syrian Air Force attacks over the past few days apparently aimed at expunging insurgents who were located in strategic areas.

The Syrian Observatory for Human Rights, an anti-government group based in Britain with a network of contacts in Syria, reported 52 people were killed and dozens injured in the explosions at Aleppo University.

Syria’s state-run SANA news service did not specify the number of casualties, but did say that the explosions came on the first day of exams.

SANA attributed the death and destruction to at least two rockets fired by what it called terrorists, the government’s blanket description for the armed insurgency against President Bashar Assad.

WEATHER

Snow turns to rain today

By Vince Agard
STAFF METEOROLOGIST

A weakly organized winter storm will move through the Northeastern United States today, bringing a mixture of snow and rain to the Boston area. Precipitation is likely to begin as snow in the early morning hours and intensify as the morning progresses.

However, as the low pressure center nears the New England coast, warmer air will make its way onshore, paving the way for the transition to rain. This storm may result in non-negligible ac-

cumulations of snow or ice in areas north and west of the city, but at worst it will likely create a bit of a slushy mess here at the Institute. Since temperatures have been well above freezing for the past few days, significant accumulation is not expected here, especially on paved surfaces.

The storm will taper off by the evening hours, making way for a warmer but breezier day tomorrow. A cold front will pass through tomorrow night, bringing in chilly air below 20°F, but temperatures are expected to rebound to the lower 40s °F in time for the weekend.

Extended Forecast

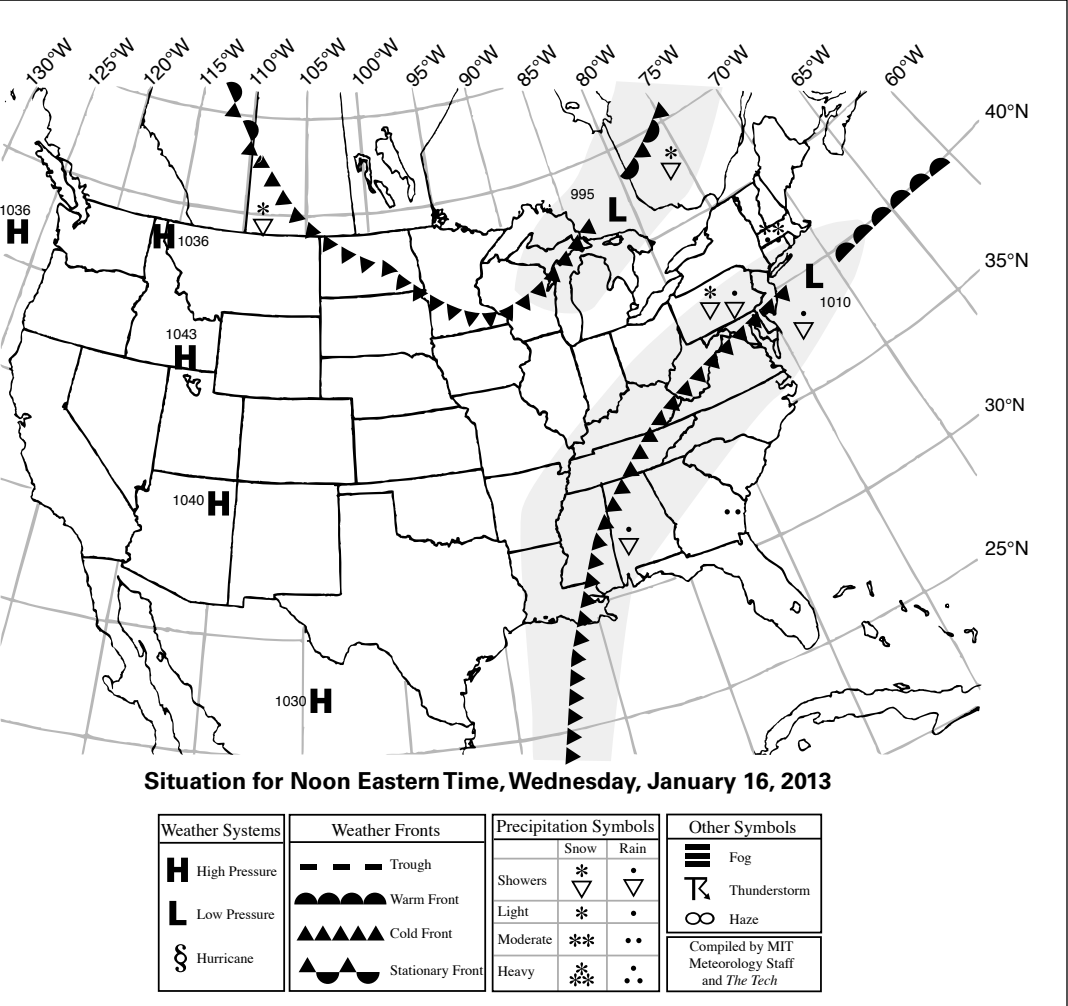
Today: A mix of snow and rain, high 38°F (3°C). Winds N at 5-10 mph.

Tonight: Mostly cloudy with precipitation ending, low 31°F (-1°C). Winds W at 8-12 mph.

Tomorrow: Partly cloudy and breezy, high 42°F (6°C). Winds W at 10-15 mph.

Friday: Mostly sunny and colder, with highs in the low 30s °F (-1°C).

Saturday: Partly sunny and warmer, with highs in the low 40s °F (6°C)





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Tough questions for MIT

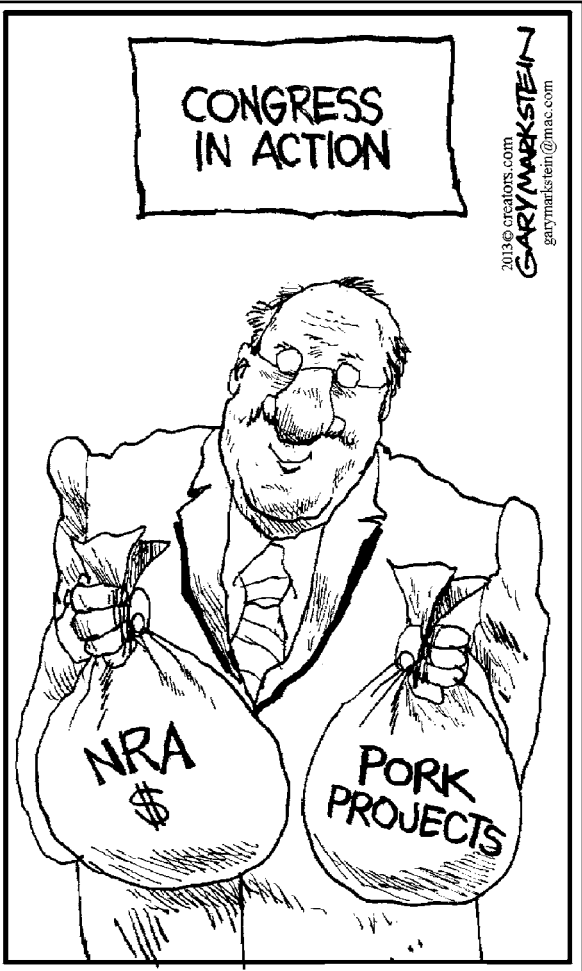
How will MIT navigate the Swartz crisis?

At the same time, President Rafael Reif's appointment of Professor Hal Abelson to head an internal review is meaningful. Abelson is a senior, well-respected faculty member with extensive experience in issues of an open Internet, technology, and law. The appointment — and the promise to make Abelson's report public — demonstrates that Reif is serious about getting to the bottom of MIT's decision-making process.

We also wonder whether MIT's silence on the matter, aside from Reif's singular statement, is wise.

We also wonder whether MIT's silence on the matter, aside from Reif's singular statement, is wise. It is important to note that MIT's general style is to not engage in tit-for-tat political debates with the public. And it is also true that MIT may not have anything of substance to say until Abelson completes his report. But the public conversation is starting to back

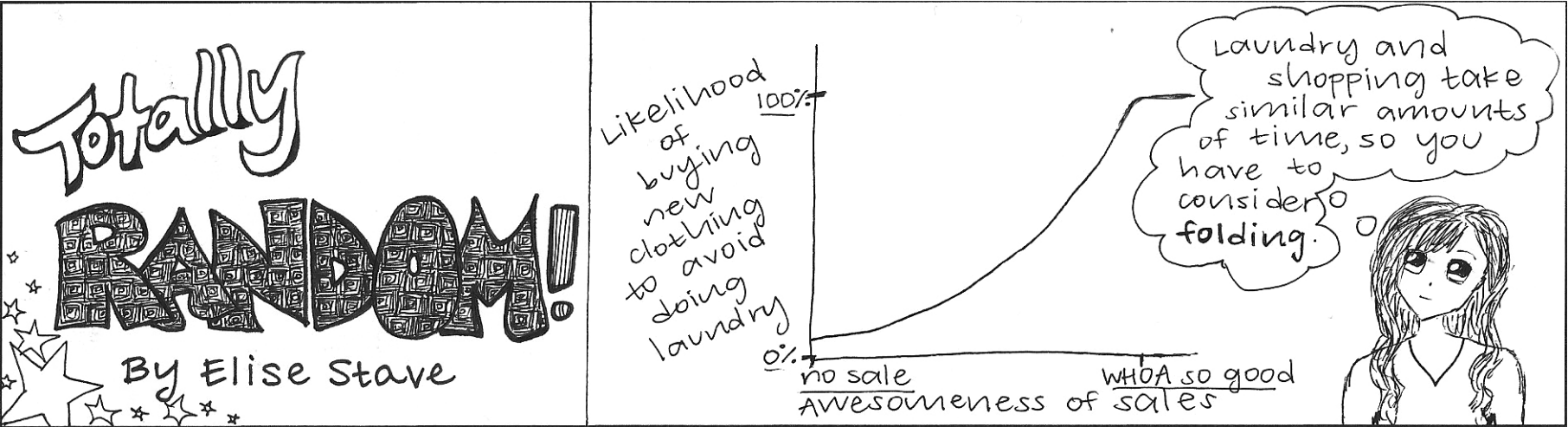
President Reif is facing his first real crisis. His handling of it will frame the rest of his presidency. While noting that Reif more-or-less inherited the Swartz situation from former president Susan J. Hockfield, *The Tech* is expecting his administration to demonstrate serious introspection, and if necessary, accountability. We, and the rest of the world, will be watching.



In last Wednesday's issue, a front-page caption mischaracterized the Mayan calendar hack as a dragon. However, dragons are mystical beings in Eastern mythology. In ancient Mesoamerica, mythological reptiles are believed to be feathered serpents, not dragons.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or

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Saturday Stumper by Lars G. Doubleday

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12 Hindu sage
- 13 Player

14 Composition of some batteries

21 Suffix meaning "aptitude"

23 Long-time Lauder spokesperson

26 Founders of Milan

27 Better

28 Crib components

29 Neuron tip

31 Beltway

33 Hogwarts homework

34 It's often cutting

35 Sort of shift

39 Emulated Carson

40 Scintillas

42 East Asian affirmative

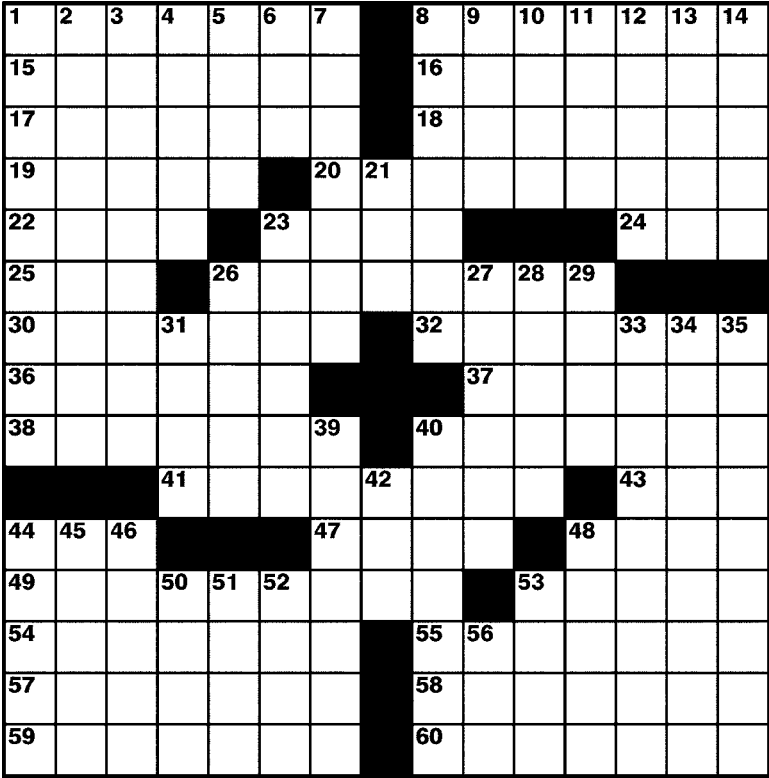
44 Go around

45 Oven adjunct

46 Wet stretch

48 Word from the Latin for "reckoning"

50 Point of view





This past weekend, the MIT Science Fiction Society (MITSFS) shut its doors for a massive reorganization that touched an estimated 95 percent of the ~40,000 books in its library in room 473 of the Stratton Student Center.

The purpose of the reorganization was two-fold. First, the group merged its reserve and circulating collections into a single, large, circulating collection.

They then changed how books were stored on the shelves in an attempt to pack more books on the shelves to make more use of the fixed amount of space in their library. Standard-height paperbacks and hardcovers will still remain in distinct areas in the library, however.

So on Saturday morning, Jan. 12, the first of hundreds of book-filled boxes marked “Mergatory” — purgatory for merging — were moved down the hall to W20-491, where the merging process began.

MITSFS Reorganization Touches 40K Books

By Omari Stephens
ADVISORY BOARD



Here, (left to right) Cathleen E. Nalezty '16, Susan A. Shepherd '14 (obscured), Karl C. Ramm, and Naomi A. Hinch '11 participate in the merge process.

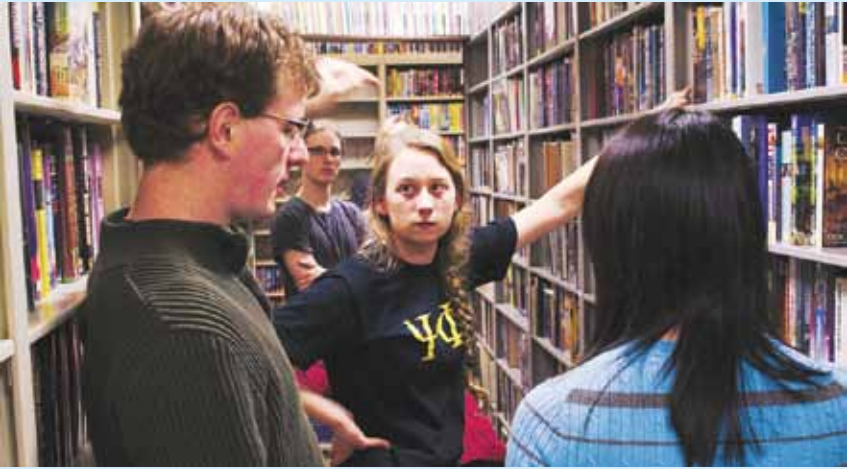
In general, the participants proceeded through sections of authors in alphabetical order, beginning with one column of books from the reserved set and one from the circulating set, and “zippered” them together into one merged output column. Next, someone shifted the merged book set onto a mobile book cart, to be taken back to the library and reshelfed.

Andrew M. Boardman thumbs through a set of paperbacks, looking for the proper spot for a book. At times, the similarities among last names of different authors made the merge process time-consuming and error-prone. For instance: Dick vs. Dicks vs. Dickson vs. Dick-inson.

This image also illustrates a still-pending aspect of the reorganization. To save space on the shelves, the library plans to prune their in-library collection to at most two copies of any particular title. The prior limit was two circulating copies and one reserved, but with the merge, all copies will circulate. Once this next phase is complete, the redundant copies will join tens of thousands of other books that MITSFS already keeps in long-term storage.



Alexandra M. Westbrook '13 (right) passes a book to Cathleen E. Nalezty '16 as the two “bubble” the books toward the far end of the shelves, in essence propagating the free space toward the near end of the row of shelves. The bubbling process served both to compress books on the shelves — after bubbling, wide books would typically be oriented to face outward, leaving more space for other books behind them — and to coalesce open shelf spaces in order to avoid “gotos” — points where the logical continuation of a set of books was located in a disjoint location in the library.



During a pause in work, participants listen as Brian T. Sniffen '00 (left) offers a solution to a problem that has been discovered.

After the merge phase, the books returned to the library for reshelfing. Since most books moved from their original shelf locations, mistakes made during the reshelfing process caused kinks that participants fixed as the process continued.



At the end of the Saturday work period, Jesse M. Ashcraft-Johnson '11 (left) and Kevin A. Riggle '08 remove the line of tape which formerly delineated the demarcation between circulating and reserved books. As the reorganization process had done away with that distinction in the collection, the line on the floor had become simply a memory of the prior state of the library.

MITSFS remained closed on Sunday to finish the major aspects of the reorganization, and opened again on Monday, Jan. 14. Though significant aspects of the reorganization still remain to be completed, MITSFS Vice President D.W. Rowlands G noted that they had succeeded with their primary goals for the weekend.



Aaron Swartz was in midst of legal case before death

MIT's actions in copyright-related case under scrutiny following apparent suicide

Swartz, from Page 1

been dismissed as a result of Swartz' death, according to a court document filed Monday morning, as reported by the *Boston Globe*.

The accomplished Swartz co-authored the now widely-used RSS 1.0 specification at age 14, founded Infogami which later merged with the popular social news site reddit, and completed a fellowship at Harvard's Ethics Center Lab on Institutional Corruption. In 2010, he founded *DemandProgress.org*, a "campaign against the Internet censorship bills SOPA/PIPA."

The case and April 1 trial have been dismissed as a result of Swartz' death.

Family response

On Saturday, Swartz' family and partner released an official statement on *rememberaaronswartz.com*, a site that has grown since then to become an online memorial to Swartz. In addition to remembering Swartz for his "insatiable curiosity, creativity, and brilliance," and his dedication to online activism, the statement also called out MIT and the Massachusetts U.S. Attorney's office.

"Decisions made by officials in the Massachusetts U.S. Attorney's office and at MIT contributed to his death," Swartz' family and partner wrote in the official statement. "Meanwhile, unlike JSTOR, MIT refused to stand up for Aaron and its own community's most cherished principles."

In a conversation with *The*

Tech, Robert Swartz, Aaron's father, furthered:

"MIT put institutional concerns over compassion, compromising everything MIT stands for. To me, that is the fundamental problem, and I'd like to see that addressed so what happened to my son doesn't happen to anyone else."

According to court documents filed on Oct. 5, 2012, MIT had released details and logs of Aaron Swartz' use of the MIT network to law enforcement without a warrant or subpoena. Swartz asked the court to suppress this data from MIT, asserting that MIT's policy permits disclosure "only" in the face of a "court order or valid subpoena," but MIT Information Services & Technology (IS&T) disagrees, as the policy does not contain the word "only."

When responding to *The Tech's* inquiries in October, MIT defended its actions as necessary to "protect its network," but head of IS&T Marilyn T. Smith was unable to explain how MIT's decision to disclose information without a subpoena would protect its network.

However, according to Robert Swartz, Greg Morgan and Jaren Wilcoxson of MIT's General Counsel said to him on two occasions that there was a warrant or a subpoena, which they later admitted did not exist. As of the time of publishing, Morgan and Wilcoxson have not responded to *The Tech's* requests for comment.

"It was very difficult for us to communicate with MIT," said Robert Swartz. "And yet they cooperated with the Secret Service and the U.S. Attorney, despite statements of neutrality."

MIT and JSTOR respond

Both JSTOR and MIT have released statements in response to Swartz' death.

Reif has promised the report resulting from Abelson's analysis would be made public.

"This is one case that we ourselves had regretted being drawn into from the outset," wrote JSTOR on Saturday in a statement released online. The digital library repository reiterated its message that Swartz had settled any civil claims JSTOR might have had against him in 2011, when he returned all data in his possession. In an earlier July 2011 statement, JSTOR wrote, "Once this was achieved, we had no interest in this becoming an ongoing legal matter."

MIT followed on Sunday with an email from President L. Rafael Reif reaching out to the MIT community.

"Although Aaron had no formal affiliation with MIT, I am writing to you now because he was beloved by many members of our community," wrote Reif, "and because MIT played a role in the legal struggles that began for him in 2011."

In the email, Reif announced that Hal Abelson PhD '73 — Electrical Engineering & Computer Science professor and a founding director of Creative Commons and the Free Software Foundation — would be leading a "thorough analysis of MIT's involvement" from fall 2010 to the present, specifically describing "the options MIT had and the decisions MIT made." According to Abelson, it is too early to predict the timeline of this process, but Reif has promised that the resulting report will be made public.

Beyond Reif's email, MIT has declined to make further statements at this time, "both out of respect for those mourning Aaron's death and because we want to allow Professor Hal Abelson to do his work with minimal distraction," wrote Associate Vice President for Communications Nate Nickerson in an email to *The Tech*.

Internet reaction

Swartz' death ignited a firestorm of discussion over the Internet, where he was regarded as something of a folk hero.

Hacker News, a social news site popular within the technology community, saw its entire front page dominated with posts about Swartz for two days. On Twitter, supporters of Swartz tweeted PDFs of academic papers in tribute of Swartz' advocacy of free information. And last Sunday, the "hacktivist" group Anonymous claimed credit for taking down MIT's network for roughly three hours, using two subdomain websites to post a farewell message to Swartz as well as call for a reformation of "computer crime laws," "copyright and intellectual property laws," greater recognition for "oppression and injustices," and a commitment to a "free and unfettered internet."

Several petitions have also sprung up in response to Swartz' death. On Jan. 12, a We the People petition was created, calling to remove Carmen Ortiz, the United

States District Attorney who prosecuted Swartz' case, from office. As of the time of publication, over 34,000 people had signed the petition, surpassing the 25,000 signatures required (within 30 days) to prompt an official review and response from the White House.

Swartz' death ignited a firestorm of Internet discussion.

On Jan. 14, a petition was posted on the MIT Society for Open Science website, calling for MIT to apologize for its "silence regarding the unjust federal prosecution against Aaron Swartz." It argued that Swartz' actions caused "little or no harm to MIT or any individuals," that his use of the network to access JSTOR articles was legal, that he never distributed any of the articles, and that JSTOR asked for criminal litigation against Swartz to be dropped.

Yan Zhu '12, who authored the petition with Franck Dernoncourt G and others outside the MIT community, said that they have received no response from the Institute. At press time, over 300 people have signed the petition, many of whom are MIT students and alumni. Zhu is also coordinating a series of memorial hackathons that will focus on projects supporting causes that Swartz championed.

The Tech has compiled a detailed interactive timeline of events related to the trial at bit.ly/swartztimeline.

Stan Gill, Tushar Kamath, Joanna Kao, Janelle Mansfield, and Ethan A. Solomon contributed reporting.

Timeline: USA v. Swartz and the aftermath

See the interactive version at <http://bit.ly/swartztimeline>

<p>Swartz began mass downloading JSTOR documents using a laptop he hid in a closet in the basement of Building 16.</p> <p>Swartz began mass downloading JSTOR documents around September 24, 2010. JSTOR blocked his access for the first time on September 26. This repeated on October 2, and January 4. Swartz was apprehended on January 6, 2011.</p>	<p>Swartz was indicted on four counts in the federal court and six counts in the Middlesex Superior Court.</p> <p>On July 14, 2011, Swartz was indicted in federal court. He was indicted a second time — this time in Middlesex Superior Court on November 18. The state dropped charges on March 8, and the federal indictment was superseded. The revised indictment was for 13 counts.</p>	<p>Swartz' legal team asked the court to suppress data provided by MIT. The government filed a response.</p> <p>In a court document filed on October 5, Swartz claimed that MIT violated its policy by providing the Secret Service with details and logs of his activity without a warrant or subpoena. The government filed a response on November 16. Swartz responded on December 2 and asked for the trial to be delayed.</p>	<p>Swartz committed suicide and the case was dismissed.</p> <p>Swartz committed suicide on January 11, 2013. Judge Nathaniel M. Gordon officially dismissed the case on January 14.</p>
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INFOGRAPHIC BY JOANNA KAO

REWARD: \$25,000

LOST ARTWORKS

Three sculptures of bronze and silver alloy, which were on display at the MIT Faculty Residence, 100 Memorial Dr, Top Floor, Cambridge, MA, went missing between 1992 and 1993 when the building was sold and the top floor was renovated by the new owners. At the time the three sculptures were on loan to the MIT Museum and were the personal property of the artist, the late Richard Filipowski (1923-2008).

A reward of \$25,000.00 (twenty-five thousand dollars) is offered for any information that leads to their recovery. Identity photos are available. This loss is listed with the Art Loss Register, at www.artloss.com.

Any information provided will be kept in the strictest confidence. Email: filip.art1@gmail.com.



Four protesters gathered by the MIT General Counsel's office in Building 7 on Sunday and shared their views on the Aaron Swartz case with reporters. MIT, they said, should publicly stand up for its institutional principles of openness and free information. From left to right: Michael McCarthy, Jacob Brennan, and Frank Romanelli, all from Rhode Island; and Ben Hitov, a software engineer working in Cambridge.

ETHAN A. SOLOMON—THE TECH

Anonymous claims attack

Group calls for Internet reform after Swartz' death

Anonymous, from Page 1

"Whether or not the government contributed to his suicide, the government's prosecution of Swartz was a grotesque miscarriage of justice, a distorted and perverse shadow of the justice that Aaron died fighting for — freeing the publicly-funded scientific literature from a publishing system that makes it inaccessible to most of those who paid for it — enabling the collective betterment of the world through the facilitation of sharing — an ideal that we should all support," said the message.

The message left by the group Anonymous was careful to not blame MIT directly.

The message was careful to not blame MIT directly: "We do not consign blame or responsibility upon MIT for what has happened, but call for all those feel heavy-hearted in their proximity to this awful loss to acknowledge instead the responsi-

bility they have — that we all have — to build and safeguard a future that would make Aaron proud..."

Large portions of the message were taken from a post by the Electronic Frontier Foundation about Swartz yesterday. The second paragraph, first "wish," and sign-off message in the end were lifted directly from the post.

In their message, Anonymous outlined four wishes: they called for reform of "computer crime laws," reform of "copyright and intellectual property laws," greater recognition for "oppression and injustices," and a commitment to a "free and unfettered internet."

Anonymous is an ill-defined organization of hackers and internet activists. Historically, it has been Anonymous' style to launch denial-of-service, or DoS, attacks to make political statements. Anonymous likely targeted MIT over the Institute's role in the federal government's case against Aaron Swartz, who allegedly used an MIT network connection to download millions of articles from the online repository JSTOR. *The Tech* reported early Saturday morning that Aaron Swartz had died by suicide in his Brooklyn apartment.

MIT has chosen not to reveal any more details about the attack or how Information Services and Technology (IS&T) technicians dealt with it. "We cannot discuss the details of how we approached the attack on Sunday, but we addressed it as quickly as we could and were glad to resolve it," said Christine Fitzgerald, manager of communications for IS&T.

The attack came several hours after President Rafael Reif's message about Swartz to the MIT community was reposted by *The Tech* and other news organizations' websites.

Anonymous' message also included a link to the online petition to remove U.S. District Attorney Carmen Ortiz, who has been accused by Swartz supporters of using "over-reaching charges." As of Tuesday evening, the petition had surpassed 34,000 signatures — over the threshold of 25,000 that requires a White House response.

It is not clear that Sunday's incident was a distributed denial-of-service attack, rather than a garden-variety denial-of-service attack, but no official sources have indicated the attack was a DDoS.

J. Nathan Matias contributed to the reporting of this article.

Course 18 senior Justin Brereton is Grand Integrator again

Around 70 people gathered last night in 10-250 to watch 15 students duke it out at MIT's Integration Bee.

Furrowed brows betrayed the intensity of the contest, but participants kept the tone friendly, explaining solutions to each other even after they were eliminated. After two hours, only Carl F. Lian '15 and Justin T. Brereton '13 remained. Armed with chalk and board, the two vied for the prize hat, embroidered with an integral sign.

"Aw, shit," Lian said to himself, not for the first time that night, as he attempted to solve one of the final round's integrals before Brereton. The same integral had appeared earlier, but with limits. Using a geometric approach that evaded the others, Lian had evaluated the definite version in seconds, much to the delight of the audience. But the indefinite counterpart bested both finalists.

Lian went on to bring the score to 2-0, but Brereton followed with two wins in a row, leaving them neck and neck for the game point.

The last problem was a peculiar definite integral involving a base-2 logarithm. Lian wasn't making much progress, but 28 seconds in, Brereton boxed his answer, 1, with no other work than some mystical squiggles. (For this integral, there would be no repeat of the kerfuffle earlier over whether an answer was completely simplified.) Then, with two minutes left, Brereton changed his answer to 2. A round of giggles was followed by a round of applause when he was revealed to be correct, earning defending champion Brereton the 2013 title.

—Leon Lin

$$\int_0^1 \left(\sqrt{\log_2(x+1)} + 2^{x^2} \right) dx$$

The winning integral at Tuesday's Integration Bee, evaluated by Justin T. Brereton '13 in two minutes. Hint: consider inverse functions.

Solution to Crossword

from page 5

W	H	I	T	T	L	E	P	A	C	K	R	A	T
H	O	N	O	R	E	E	A	V	A	R	I	C	E
E	M	B	R	O	I	L	R	E	S	I	S	T	S
Y	E	A	R	N	P	I	V	O	T	S	H	O	T
F	A	D	E	H	O	L	E	I	R	S			
A	L	F	C	U	T	E	N	E	S	S			
C	O	O	L	E	R	S	U	N	L	O	C	K	S
E	N	R	O	L	L	R	A	M	O	N	A		
D	E	M	O	T	E	S	T	I	T	A	N	I	C
S	T	S	P	S	Y	C	H	I	C	S	J	F	K
K	I	W	I	F	R	U	I	T	R	A	R	E	R
I	M	A	D	E	I	T	L	E	E	T	I	D	E
R	E	L	E	A	S	E	E	N	D	I	N	G	S
T	R	E	A	T	E	D	S	T	O	O	G	E	S

Solution to Sudoku


from page 5

8	2	4	7	9	1	5	6	3
3	6	9	5	2	8	7	1	4
5	1	7	4	6	3	8	9	2
2	8	5	3	1	4	9	7	6
6	9	1	2	7	5	4	3	8
4	7	3	6	8	9	2	5	1
9	4	6	1	5	2	3	8	7
7	3	8	9	4	6	1	2	5
1	5	2	8	3	7	6	4	9

Solution to Techdoku

from page 5

6	3	4	2	5	1
2	5	6	4	1	3
1	4	5	3	6	2
5	2	3	1	4	6
4	1	2	6	3	5
3	6	1	5	2	4



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Meritocracy and Inclusion at MIT: Principles or Practices?



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4-6pm: Post Summit Networking

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<http://diversity.mit.edu/summit>



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MIT Council on Staff Diversity & Inclusion
educate•include•empower

2012 Mystery Hunt champs design new challenge

Manic Sages work long hours to design and organize this year’s puzzle-centered quest

Mystery Hunt, from Page 1

2013 is the first year the Manic Sages have written the Hunt, and they are hoping to “come up with something awesome that’s never been done before and make the hunt even more spectacular,” according to Hurwitz, who withheld further details.

Every year, the winning Mystery Hunt team takes over the MIT ASA student group.

Planning the Mystery Hunt requires not only brainpower and creativity, but also extensive organization. “There are a lot of things that need to be done, from reserving rooms, to contacting MIT AV to rent equipment,” said Hurwitz. “We have to talk to the Environmental Health and Safety Office, to make sure that everything we’re doing is within fire code and safe and not going to cause any problems.”

Hurwitz also acts as the president of the MIT Mystery Hunt ASA

student group. Each year, the winning team takes over the MIT student group to get “access to rooms and all the other benefits of the student groups,” including ASA student group funding, said Hurwitz.

This funding is important because there is no cost to participating in the hunt. Hurwitz said, “We do not have any corporate sponsors. ... We didn’t want to have it be ‘The Google Hunt’ or something. So, this year, and in most years, it’s been part Fin-board and LEF [Large Events Fund] and donations from people on the winning team.”

According to ASA student group guidelines, the president and treasurer of the Mystery Hunt group must be MIT students, but the president or captain of the team itself does not. The Manic Sages’ co-captains are Dan Zaharopol ’04 and Catherine Havasi ’03.

Zaharopol founded the team in 2004 after previous hunting with the ESG team, Wizard Lizards, and the Mathcamp team. “Dan noticed a large overlap between ESG students and Mathcampers, so he brought the two teams together,” said Hurwitz. The current team is made up of MIT students and

alumni, a few high school students from Mathcamp, and non-MIT affiliates who joined at the encouragement of their friends on the team.

Last year, approximately 150 people hunted with the Manic Sages, and about 80 of them have stayed on to help write the 2013 hunt. Hurwitz estimates that team members spend anywhere from few hours per week to up to twelve hours each day in the month leading up to the Hunt. “A lot of people who have full time jobs took time off during the holidays and put that into the hunt, or are even taking vacation time now,” he said.

Last year, about 150 people hunted with the Manic Sages, and about 80 of them are helping prepare for the 2013 Hunt.

Planning for this year’s Hunt began immediately after the Sages won in 2012. Hurwitz noted that the group began by thinking of puzzle ideas, then worked backward to connect them together, beginning with the final clue (the location of the coin). “Mystery Hunt tends to have a multi-level structure.

You have a round with a bunch of puzzles in it, and then once you solve all the puzzles there’s a meta-puzzle, which depends on having solved everything in the round for you to unlock it and solve it. And then maybe once you’ve done all the meta-puzzles, there might be a meta-meta-puzzle. This isn’t true every year. It may or may not be true for the 2013 hunt, but it’s typically how it’s done.”

For the last few years, software which keeps track of the different puzzles and their connections has been passed down between winning teams. Hurwitz added that the Sages also wrote some of their

backwards from the answer and say, ‘Okay I want my puzzle to have this mechanism and the answer I’ve been assigned is MIT.’ And you have to construct a puzzle that fits your idea with the given answer,” explained Hurwitz.

The 2013 Mystery Hunt will begin this Friday, Jan. 18th, at noon in Rockwell Cage, with the kickoff revealing the year’s unique theme. Past years have been inspired by video games, history, science fiction, and more. The only clue currently available about this year’s theme is the invitation received by team members to join the “Enigma Valley Investment and Loan Bank.” Curious hunters will have to wait until Friday to find out more.

Hurwitz said writing the Mystery Hunt is a labor of love, and the Manic Sages are excited to see the results. “Writing the Mystery Hunt is sort of like solving Mystery Hunt, but it takes you 12 months instead of 2 days. The whole time you’re doing puzzles over and over again, you’re writing puzzles, testing out puzzles. It’s the experience of being in the Mystery Hunt, but you get to treasure it for a lot longer than most teams do.”

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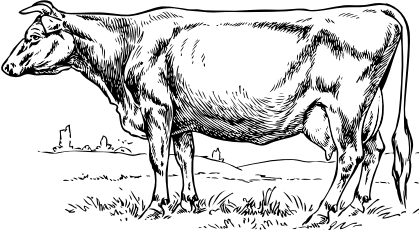
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(Owing to high demand, we are not able to guarantee supplies. Please allow 10-15 days for delivery during January and February.)



The Literature Section Hosts 4th Annual Mobile Reading Marathon


Come join the 4th annual Literature-sponsored Mobile Marathon on Jan. 23rd, when we will be reading the ENTIRETY of Homer's *Odyssey* in a single day for a Homer-athon! It took Odysseus 20 years to get home from Troy, but through the wonder of the codex book we are redefining what 'epic' means; in the great Greek peripatetic tradition, we will move across the campus reciting (and sometimes performing) the story, in translation. Come and go as you please, or join a hearty crew of professors, students and other community friends who journey together from start to finish. Starts at 9am in 14N-417, and moves with the story from East to West Campus, stopping for rest and refreshment in congenial rooms (see room list below). Appropriate garb and monster outfits welcome but not required: just a sense of humor, desire for community, and a willingness to listen or read. Feel free to join during any part of the day.

9:00-10:00: 14N-417
10:00-11:30: 4-349 (Pappalardo Room)
11:30-1:00: 62 (Talbot Lounge)
1:00-3:00: 50 (Pritchett)
3:00-5:00: Lobby 10
5:00-7:00: W20 (Twenty Chimneys)
7:00-9:00: W1 (Maseeh Hall)



OMARI STEPHENS—THE TECH

Hackers placed a mask over the “Alchemist” statue, situated in front of Building W20. The hack, photographed last Friday, Jan. 11, may be related to Mayor Thomas Menino’s declaration of a public health emergency regarding this year’s flu season.



HO YIN AU

A Pac-Man motif was placed over the tarp on the top of the Great Dome last Thursday, Jan. 10. The lights on the scaffolding resemble pac-dots.

Albany-Vassar railroad crossing opens

In December, a railroad crossing opened between Albany and Vassar Streets near the Heinz building and graduate student dormitories, formalizing an unofficial path in the same location. Located between the Heinz building (W59), the Plasma Science and Fusion Center (NW21), and graduate dormitory The Warehouse (NW30), the crossing takes features a gate, new landscaping, and paved walkways.

Though nearby residents can expect some noise from the new crossing, the bells signalling the approach of a train are designed to be as non-intrusive as possible. Melody Craven, Communications Assistant for the MIT Department of Facilities, explained in an email to *The Tech* that the MBTA has programmed the signal

bells “for the quietest sound level legally allowed.”

Kelley Brown, Senior Campus Planner for the MIT Campus Planning and Design office, said in an email to *The Tech* that MIT has not yet received any noise complaints.

According to Brown, the railroad runs a few times per day. The trains are used for maintenance, freight deliveries, and moving Amtrak and MBTA cars for repair in Somerville. The railroad is run by the Massachusetts Bay Commuter Railroad (MCBR) on behalf of the MBTA and Massachusetts Department of Transportation.

MIT paid MCBR to construct the crossing and hired an MIT contractor to pave the walkways.

—Janelle Mansfield



HO YIN AU

A foot crossing was recently opened to the public near building W59. The crossing is part of a new foot path linking Amherst Street and Vassar Street added to improve the safety of pedestrians crossing the tracks.



OMARI STEPHENS—THE TECH

Paul Babbin of Stafford Painters uses a roller to paint the wall near the Forbes Café sushi area last Wednesday, Jan. 9. Forbes Café, in the Stata Center, closed Dec. 21, 2012 for renovations. It reopened this past Monday, Jan. 14.



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Wednesday, Jan. 16, 2013, 4 – 6 p.m., MIT, Stata Center Room 32-124. For more information, email guisbond@mit.edu.
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*Head water
polo coach
stepping down*

DAPER STAFF

'He has been able to attract some of the best water polo talent in the U.S.'

MIT ASSOCIATE ATHLETIC DIRECTOR

In his first season at MIT, Lawrence led the Engineers to a 10-15 record and a fifth-place finish at the CWPA Northern Division Championship. In addition, his squad produced a pair of CWPA All-North players and was honored as the team with the highest GPA in the NCAA by the Association of Water Polo Coaches. This past season Lawrence guided MIT to an 11-14 record, a third-place finish at the Northern Division Championships, and a berth in the CWPA Eastern Division Championship. The 2012 squad had three players honored as CWPA All-North players, including the Rookie of the Year, Kale Rogers '16.



team defeated the alumni 174.5 to 69.5.

DAPER STAFF

The score remained tight over the next 10 minutes, with Babson holding the biggest advantage over that time with a four-point edge. With 6:21 left Mitchell Kates '13 hit a three-pointer that put

Tashman made one of two free throws with 39 seconds left.

Much like the first half, it remained close over the next eight minutes; a stretch that saw the lead change hands seven times. One of those lead changes came

Tashman made one of two free throw attempts with 39 seconds left that made it 64-62 for MIT, but Kates fouled Ross on the other end with 22 second to go and Ross sank both free throws to tie the score. Kates brought the ball back up the right side of the court and then found Burke open on the left wing from where he sank

Kates had a season-high 12 assists for the Engineers.

MIT will be off for a week before its next contest; using the time to prepare for matchup with undefeated WPI in Worcester on Saturday, Jan. 19 at 2:00 p.m. Babson will travel to Coast Guard on Wednesday for a 7:30 p.m. game.

Email: filip.art1@gmail.com

Monday, January 21, 2013
7 p.m. EST
<http://bit.ly/swartzpanel/>

MIT will return to action when it travels to Bowdoin College for the Maine Event on Jan. 26 at 1 p.m.

7:00 p.m., Rockwell Cage